

Abstract

5 Compensation of Batch Variation in the Travel due to Variations  
in the Layer Thickness or Number of Layers in Multi-layer  
Piezoelectric Elements

10 The invention describes a method and an apparatus for charging  
a piezoelectric element, for example, used as an actuator in a  
fuel injection system of an internal combustion engine. The  
method and apparatus are characterized in that the piezoelectric  
element is activated by an activation voltage having a value set  
as a function of manufacturing characteristics of the particular  
piezoelectric element and based upon, for example, a correction  
15 value for injected fuel volume.

Fig. 7